

3. A DNA coding for the spermatogenesis protein, comprising:
- (a) the DNA of SEQ ID NO: 1 or a DNA differing therefrom by one or more base pairs, the latter DNA hybridizing with the DNA of SEQ ID NO: 1 and coding for a spermatogenesis protein whose amino acid sequence has a homology of at least 80% to that of SEQ ID NO: 2, or
 - (b) a DNA related to the DNA from (a) via the degenerated genetic code.
4. The DNA according to claim 3, wherein the latter DNA is selected from the group consisting of SEQ ID NO: 3, SEQ ID NO: 4, SEQ ID NO: 6, SEQ ID NO: 7.
5. An expression plasmid, comprising the DNA according to claim 3.
6. A transformat, containing the expression plasmid according to claim 5.
7. A method of producing a spermatogenesis protein, comprising the culturing of the transformat according to claim 6 under suitable conditions.
8. Antibodies directed against the spermatogenesis protein according to claim 1.
9. Use of the spermatogenesis protein according to claim 1 for studying or influencing spermatogenesis.
10. Use according to claim 9, wherein the influence of spermatogenesis comprises its activation or inhibition.
11. Use according to claim 9, wherein studying or influencing spermatogenesis comprises a diagnosis and/or treatment of disorders of spermatogenesis.

Please add the following new claims 12-24.

12. An expression plasmid, comprising the DNA according to claim 4.
13. A transformant, containing the expression plasmid according to claim 13.
14. A method of producing a spermatogenesis protein, comprising the culturing of the transformant according to claim 13 under suitable conditions.
15. Antibodies directed against the spermatogenesis protein according to claim 2.
16. Use of the spermatogenesis protein according to claim 2.
17. Use of the spermatogenesis DNA according to claim 3.
18. Use of the spermatogenesis DNA according to claim 4.
19. Use according to claim 16, wherein the influence of spermatogenesis comprises its activation or inhibition.
20. Use according to claim 17, wherein the influence of spermatogenesis comprises its activation or inhibition.
21. Use according to claim 18, wherein the influence of spermatogenesis comprises its activation or inhibition.
22. Use according to claim 16, wherein studying or influencing spermatogenesis comprises a diagnosis and/or treatment of disorders of spermatogenesis.
23. Use according to claim 17, wherein studying or influencing spermatogenesis comprises a diagnosis and/or treatment of disorders of spermatogenesis.

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24. Use according to claim 18, wherein studying or influencing spermatogenesis comprises a diagnosis and/or treatment of disorders of spermatogenesis.
